Strength in Integration



Corporate Overview

June 2002



Presentation and Discussion Agenda

- Introduction to Magellan
- Capabilities
- Products
- Markets
- Operations Performance
- Financial Performance in 2001
- Business Environment
- Magellan Going Forward



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OPERATING FACILITIES

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Products Capabilities **Markets**





Leadership

- Business Units responsible to optimize performance
- Comprehensive Monthly Reporting to plan
- On-site interaction to address strategic changes on operating issues

CONTROL

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- Major Capital Expenditures
- Tax / Legal
- Strategic Marketing
- Treasury
- Pension
- Benefits

REVIEW AND APPROVE

- Salary Planning
- Labour Contracts
- Incentive Compensation
- Operation Plans
- Corporate Marketing
- Corporate Human Resources
- Other Legal Issues





Strategies

- Provide excellent customer service and support
- Invest to achieve either cost or market improvement
- Focus each Business Unit on its core competency and combine units to offer Integrated Packages in the marketplace
- Take core competency into other sectors
- Create synergies and administrative savings through consolidation and combined activities
- Employ Lean Operations processes and Six Sigma techniques
- Continuously plan, implement, measure and improve



MANUFACTURING CAPABILITIES

Capabilities Products Markets

- Facilities in place for High Rate Production in all locations
- Material Controls providing visibility to satisfy customer delivery needs
- Quality Systems compliant with all Customer and International Specs
 - Cellular Manufacturing used in key areas utilizing Kaizen, KanBan and Lean Manufacturing Systems
 - Six Sigma & Lean deployed across the corporation
 - Plants have adopted "5 S" practices





Strength in Diversity of

ENGINEERING CAPABILITIES

 Large Staff expert in turning customer requirement into a finished product

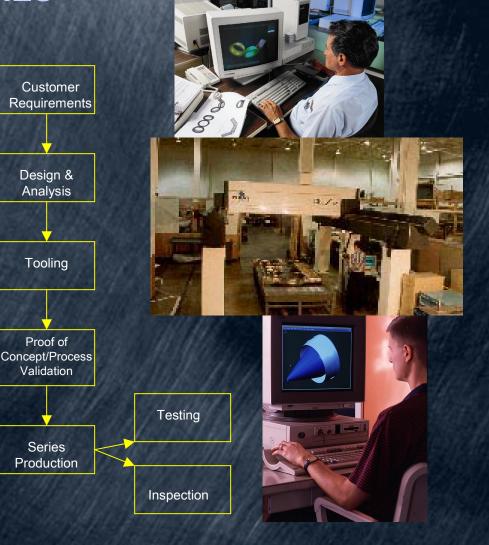
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- CAD/CAM/CAE Software Fluency
 - Unigraphics, Catia, AutoCAD, Autotrol, Pro E, Cadra, Vericut, Optimation, Robcad, Icam, Solid Edge, Smartcam, Orcad, Ideas, Matlab, Model Sim,

Nastran/Patran, Matrix X,

Advanced Aircraft Analysis

- Development / Prototyping capabilities on both Engine and Structures Components
- Capable of certifying to Transport Canada, FAA and JAA requirements



Capabilities

Products

Markets



Capabilities Products Markets

REPAIR & OVERHAUL CAPABILITIES

- Component Repair for Engines and Key Airframe Structural Parts
- Can Design, Develop and
 Certify Repair Schemes

- Capabilities include all traditional Repairs, Plasma Treatment, Fluoride Ion Cleaning, Electron Beam Welding, State-of-the-Art Coatings and Test Cells
- Deliver MRO direct to major civil & defence users





Capabilities Products Markets

















Capabilities Products Markets





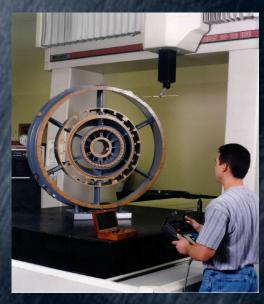
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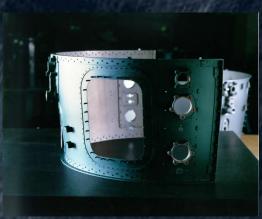
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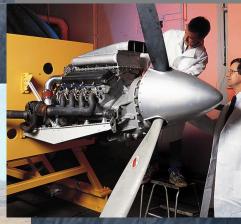




PRODUCTS PROPRIETARY PRODUCTS

Strength in Diversity of

Capabilities Products Markets



△ OE 600 Recip Engine



Gyro Wheel Satellite ACS Subsystem



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Black Brant Sounding Rocket

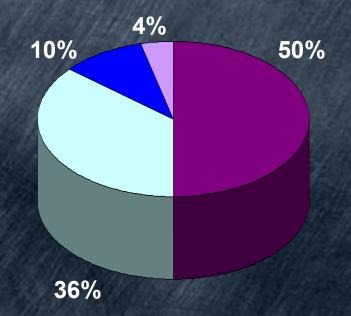


Signature Modification, WSPS, Rocket Systems

△ OT Industrial Power Generation Set

MARKETS PRODUCT ANALYSIS

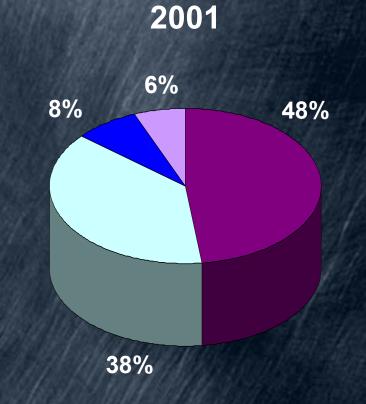
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- **AEROSTRUCTURES**
- **ROCKETS & SPACE**



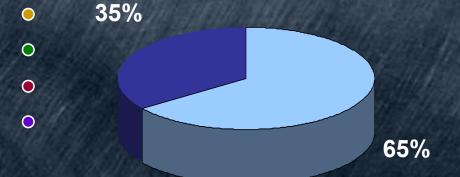
- **AEROENGINES**
- SPECIALTY PRODUCTS

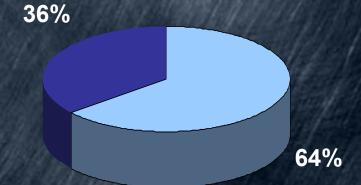


MARKETS
DEFENCE/COMMERCIAL
SPLIT



2001





DEFENCE





Capabilities

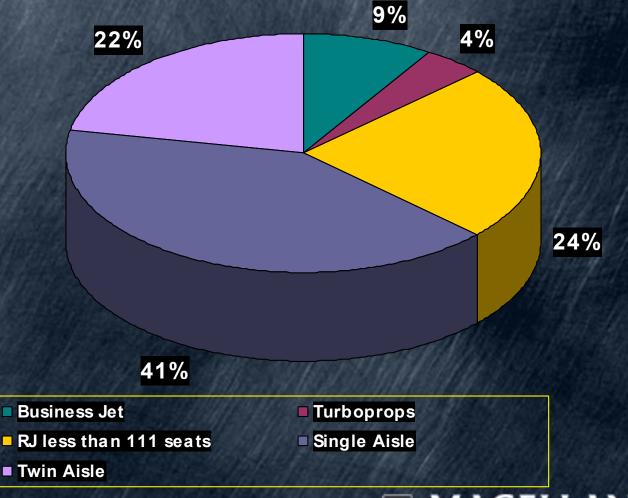
Products

Markets

 Sales to many applications

- Largest portion to
- 0 strongest market
- segment 0







Operations Performance 2001

Pre-Sept 11th

- Economic slowdown
- Declining aircraft delivery rates
- Declining revenue

Sept 11th and Aftermath

- Immediate impact
- Short-mid term:
 - Airline buying down
 - 2000 aircraft parked
 - Reduced volumes





Operations Performance 2001

- Absorbed costs of short-term disruptions
- Took actions to control all costs
- Reduced employment by 20%
- Gained new work in defence & civil aviation
- Invested strategically to upgrade production and product opportunities
- Positioned for recovery





Financial Performance 2001 Income Statement

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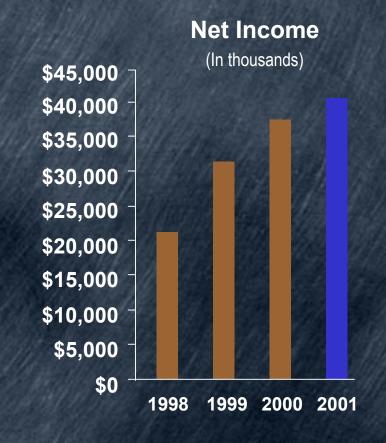
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Revenues (In thousands)



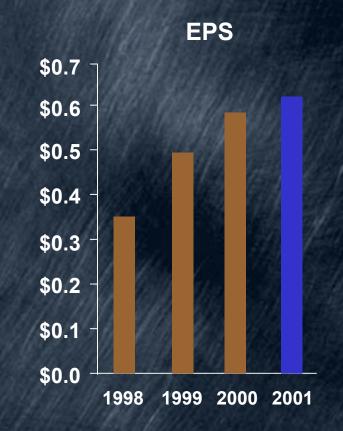


Financial Performance 2001 Income Statement



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Financial Performance 2001 Balance Sheet

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Shareholders Equity

(In thousands)





Capabilities Products

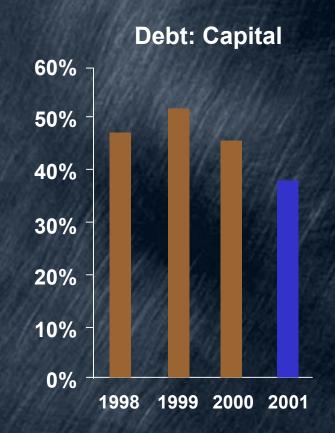
Markets

Financial Performance 2001 Balance Sheet



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Financial Performance 2001 Summary

- Lower Revenues due to general economic slowdown and events of September 11
- Net Income improvement
- Debt:Capital ratio improved
- Balance Sheet strengthened









Business Environment

- Caution: airline results still a concern
- Military aircraft usage rates continue to be high
- Regional Jet use is holding
- Low cost carriers have increased fleets and market share
- Moderate increase in defence
- Industrial power market leveled out





Business Environment

Some specific indicators:

- Traffic at some key airports is near pre-September levels, lagging at others
- Load factors are high, but yields remain low
- Only 25% of parked aircraft will return to service
- European, Asian and American airlines have placed orders for new aircraft
- Boeing and Airbus projected delivery rates stable





Business Environment

For Magellan:

- A tough first half
- At or near bottom of cycle
- Defence sales stable/growing
- New business won in civil aviation





Magellan Going Forward

Operations

- **Current Programs**
- **New Programs**













Magellan Going Forward

Growth Strategy

- Organic growth
 - Cycle driven
 - Opportunity driven
 - Efficiency driven

- Non-organic
 - New areas of opportunity
 - Acquisitions





Magellan Going Forward Areas of Opportunities

Civil Aviation

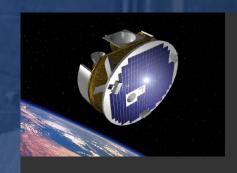
- Airbus A380
- Boeing Sonic Cruiser

Defence and Space

- Joint Strike Fighter
- Space Hardware

Industrial Power

- Alternative Fuels
- De-regulation











Magellan Going Forward Technology Development

Major Programs include key technologies:

- **High Velocity Machining**
- **Composite Structures**
- **Metal Joining Techniques**













Going Forward Summary

- Our Balance Sheet is strong
- Our Technology is up-to-date
- Our Customer Base is balanced
- Our Strategy is to grow
- The Economic Recovery is underway
- We are Positioned to take advantage









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